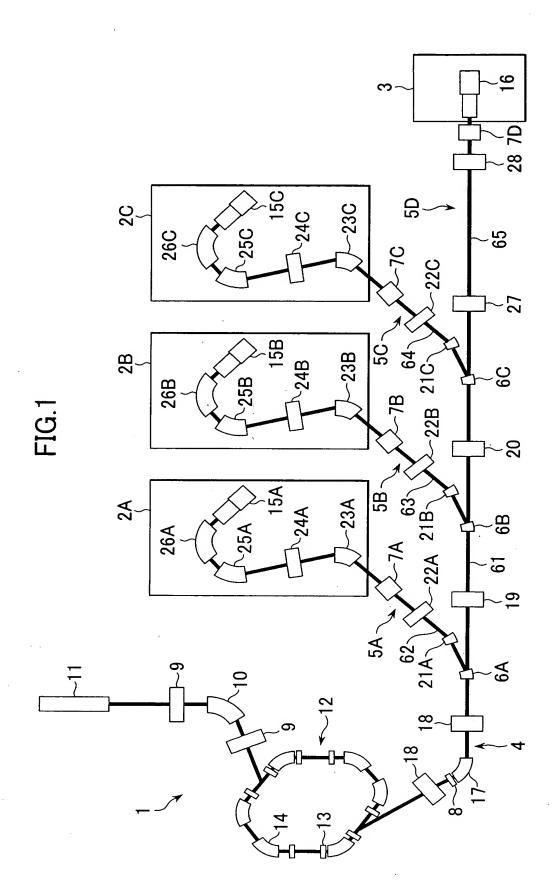
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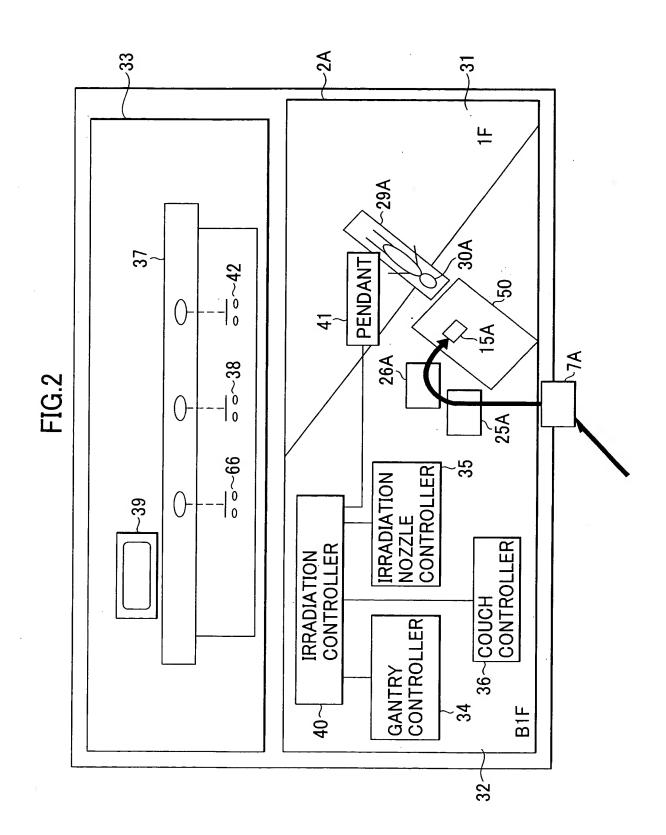
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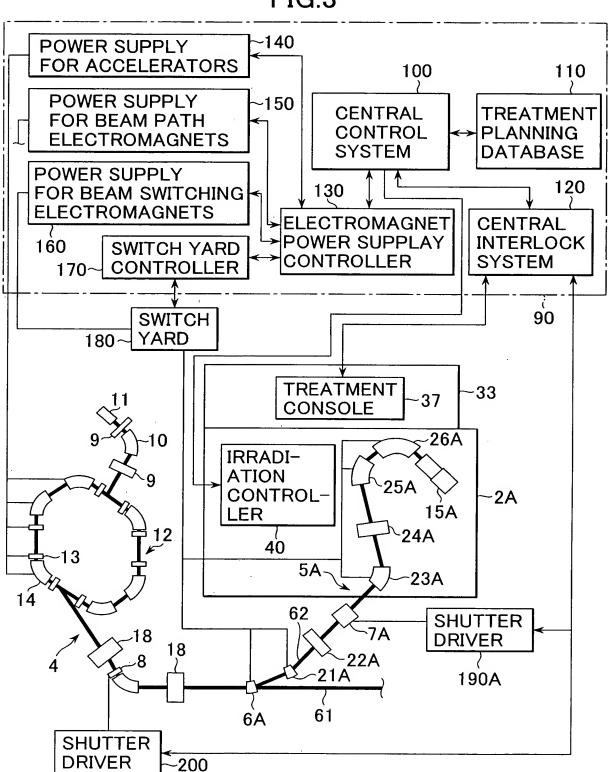


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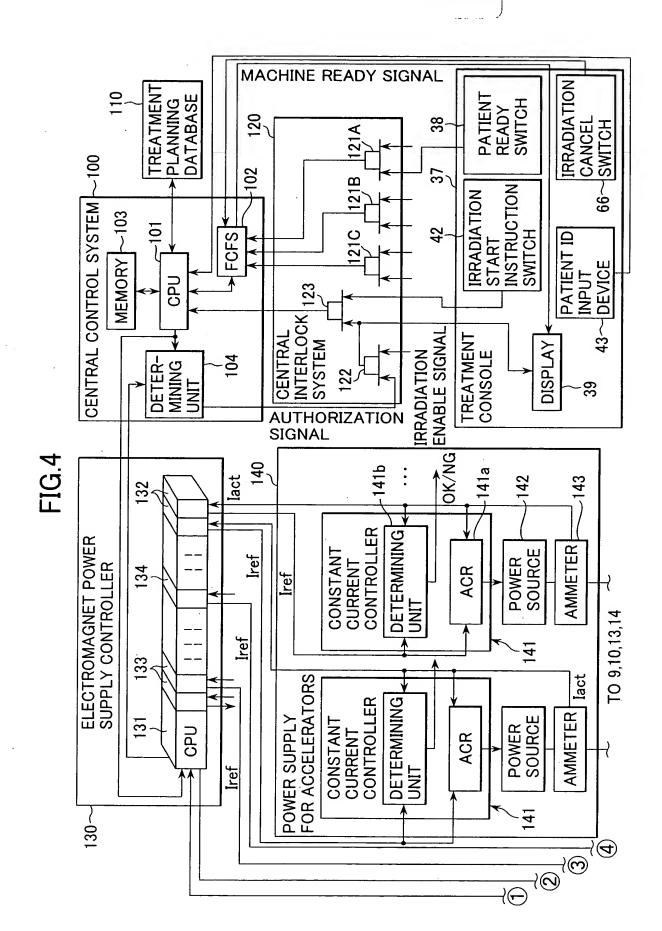
FIG.3



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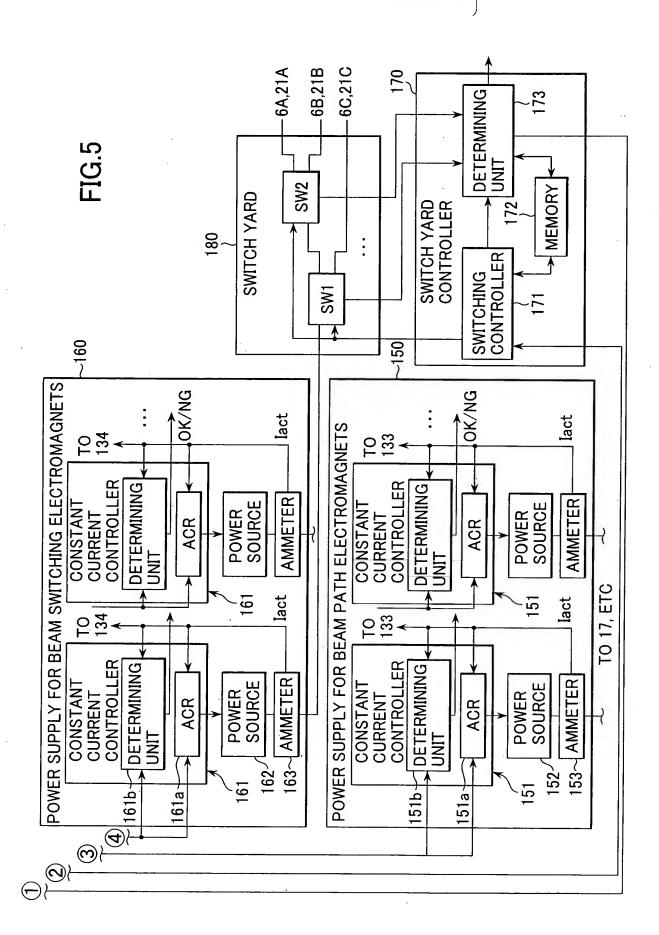
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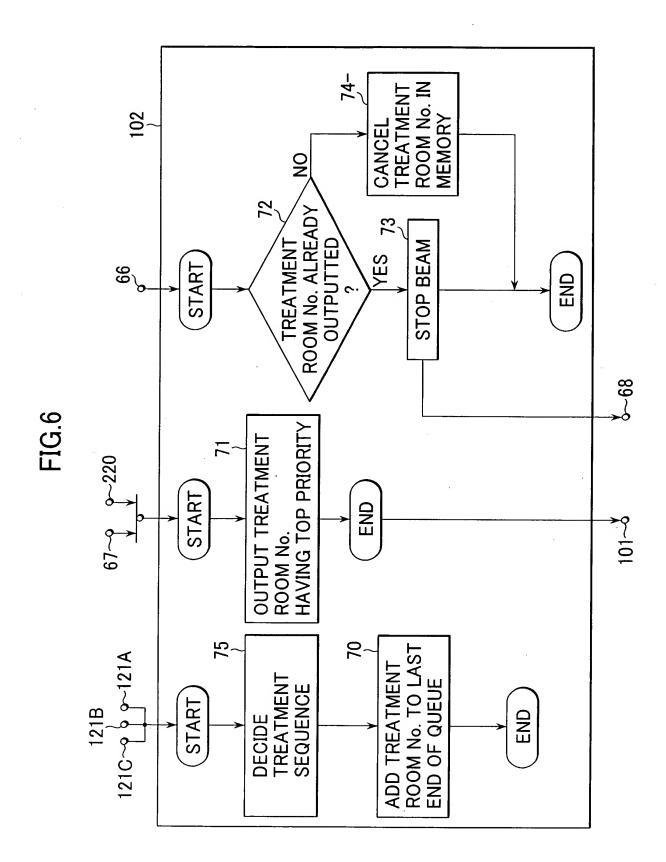


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PATIENT DATA

ENERGY	70Меv
(TREATMENT ROOM No.)	(No.1)
DOSE	:
PATIENT ID No.	650098

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## FIG.8

**GB: BENDING ELECTROMAGNET GQ: QUADRUPOLE ELECTROMAGNET** 

			C	OMMC	N	,	
ENERGY (MeV)		RATION	SYN	CHROT	ron	AFTER ACCELE	RATION
	GB10	GQ9	GB14	GQ13	GQ13	GB17	GQ18
70			P	attern	70		
80			Pa	attern (	80		•••
90			Pa	attern :	90		•••
:	•••	•••		:		:	:
:				:		:	:
:				:		:	÷

ENERGY (MeV)	No.1 TREAT ROOM	ΓΜΕΝΤ I 2A	No.1 to No.2	No.2 TREAT ROOM	ΓΜΕΝΤ I 2B	No.2 to No.3	No.3 TREAT ROOM	MENT 2C
	GQ22A	GQ24A	GQ19	GQ22B	GQ24B	GQ20	GQ22C	GQ24C
70			•••	•••	•••	•••	•••	•••
80		•••	•••	•••	•••	• • •	•••	•••
90	•••		•••	•••	•••	•••		
i	:	:	:	•	:	:		i
:	÷	:	:	:	:	•	:	:
	:	:	÷	:	:	:	:	•

ENERGY (MeV)	No.3 to No.4	No.4 TREAT- MENT ROOM 3	SWITCHING POWER SOURCE 162-1	SWITCHING POWER SOURCE 162-2	SWITCHING POWER SOURCE 162-3	SWITCHING POWER SOURCE 162-4
,	GQ27 GQ28		102 1	102 2	102-3	102-4
70	GQ27 GQ28		•••	•••	•••	
80			•••			
90						
:	:	:	:	:	:	:
:	:	:	:	:	i i	:
:	:		<b>:</b>	:	:	i i

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## FIG.9

**GB: BENDING ELECTROMAGNET GQ**: QUADRUPOLE ELECTROMAGNET

			С	ОММО	N		
TREAT- MENT ROOM No.	BEFORE ACCELE	: RATION	SYN	CHROT	RON	AFTER ACCELE	RATION
1.00111.110.	GB10	GQ9	GB14	GQ13	GQ13	GB17	GQ18
1							
2				ON			
3				ON			
4							

TREAT- MENT ROOM No.	No.1 TREAT ROOM	2A	No.1 to No.2	ROOM	2B	No.2 to No.3	ROOM	
	GQ22A	GQ24A	GQ19	GQ22B	GQ24B	GQ20	GQ22C	GQ24C
1	.0	N		No (	Care			
2	No C	Care	ON	0	N	No Care		
3	No C	Care	ON	No (	Care	ON	0	N
4	No C	Care	ON	No (	Care	ON	No (	Care

TREAT- MENT ROOM No.		MENT ROOM 3	SWITCHING POWER SOURCE 162-1	SWITCHING POWER SOURCE 162-2	SWITCHING POWER SOURCE 162-3	SWITCHING POWER SOURCE 162-4
	GQ27	GQ28				
1						
2				0	N.I	
3	No	Care		O	IN	
4	ON	ON				

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GB: BENDING ELECTROMAGNET GQ: QUADRUPOLE ELECTROMAGNET

				•	R
		T ROOM	GQ24A	:	
,	No.1	TREMENT ROOM	GQ22A	:	
		RATION	GQ18	÷	
		AFTER ACCELERATION 2A	GB17	:	
NOMMOO	COMIMOIN	SYNCHROTRON	GB10 GQ9 GB14 GQ13 GQ13 GB17 GQ18 GQ22A GQ24A	Pattern 70	
		RATION	605	•	
		BEFORE ACCELE	GB10	:	
1			:	:	ı
		ENERGY		70Mev	
	T V L L	DOSE MENT	No.	No.1	:
		DOSE		:	
		PATIENT [ID No.		620038	

	Τ	
No.4 TREAMENT ROOM 3	GQ28	No Care
No.3 to No.4	GQ27	No Care
-MENT 2C	3Q22C GQ24C	No Care
No.3 TREATMENT ROOM 2C	GQ22C	No Care
No.2 to No.3	GQ20	No Care
Vo.2 FREATMENT ROOM 2B	GQ24B	No Care
No.2 TREATME ROOM 2B	GQ22B	No Care
No.1 to	GQ19	No Care

:	•••	•••	•••	:	لــــا
	162-4	162-3	162–2	162-1	
:	SOURCE	SOURCE	SOURCE	SOURCE	
	POWER	POWER	POWER	POWER	
	SWITCHING	SWITCHING	SWITCHING SWITCHING SWITCHING SWITCHING	SWITCHING	
			•		

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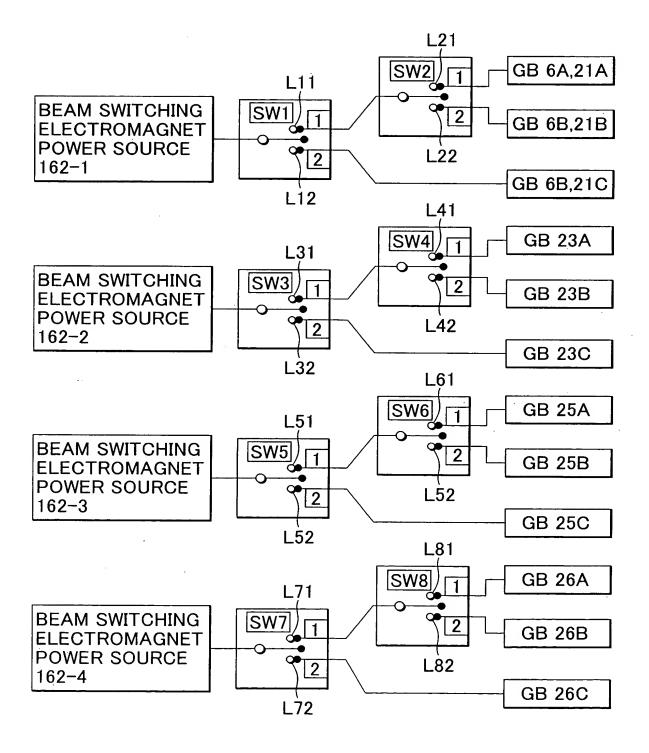
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**FIG.11** 

## **GB: BENDING ELECTROMAGNET**



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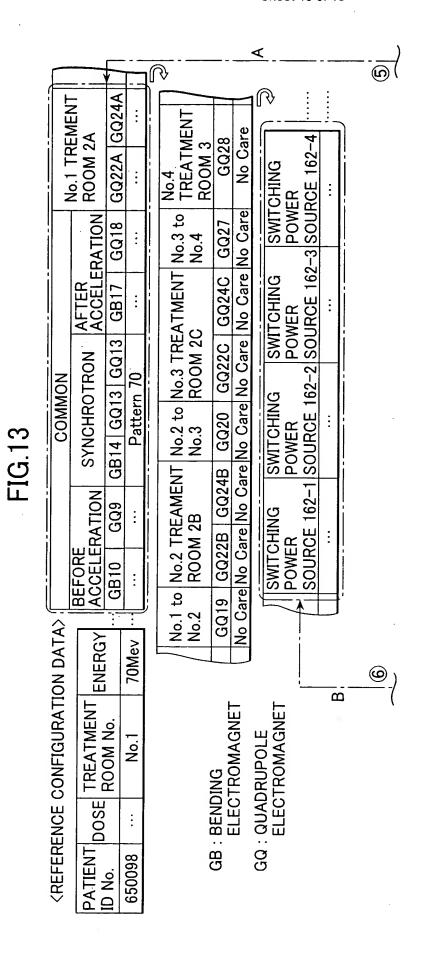
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TREATMENT				SWITCH No.	H No.			
ROOM No.	-	2	က	4	5	9	7	8
1	1	_	-	_	<del>,-</del>	-	-	-
. 2	1	2	1	2	-	5	-	2
က	2	No Care	2	No Care	2	No Care	2	No Care
4	No Care	No Care	No Care No Care	No Care	No Care	No Care No Care No Care No Care	No Care	No Care

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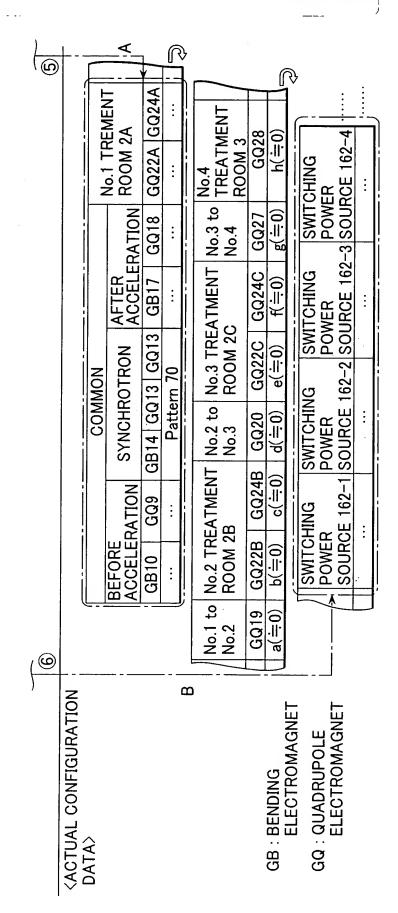
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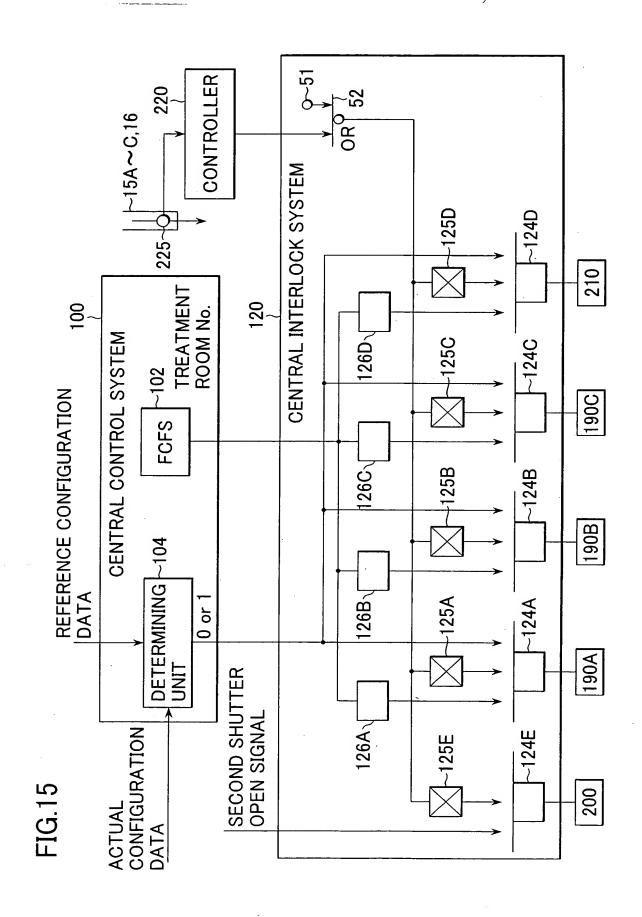


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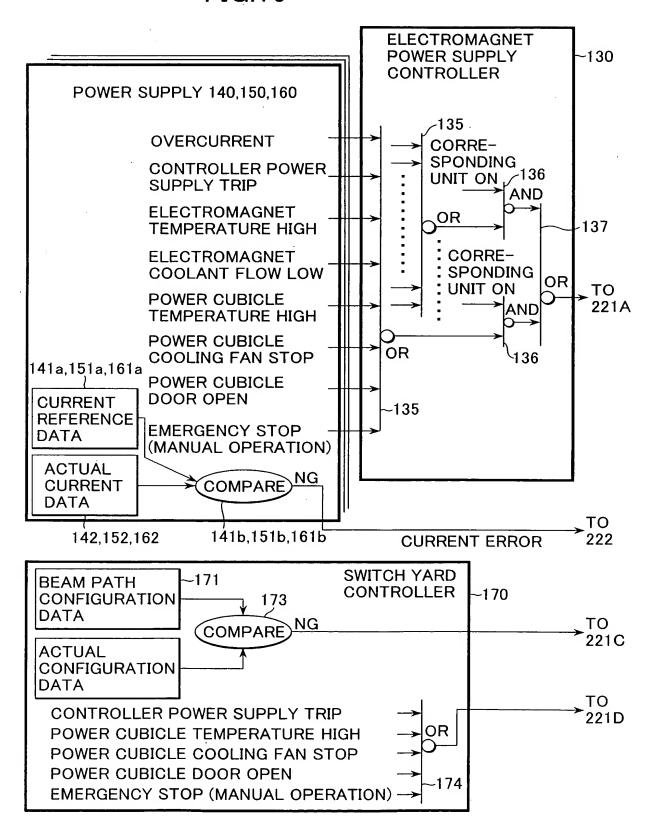


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**FIG.16** 



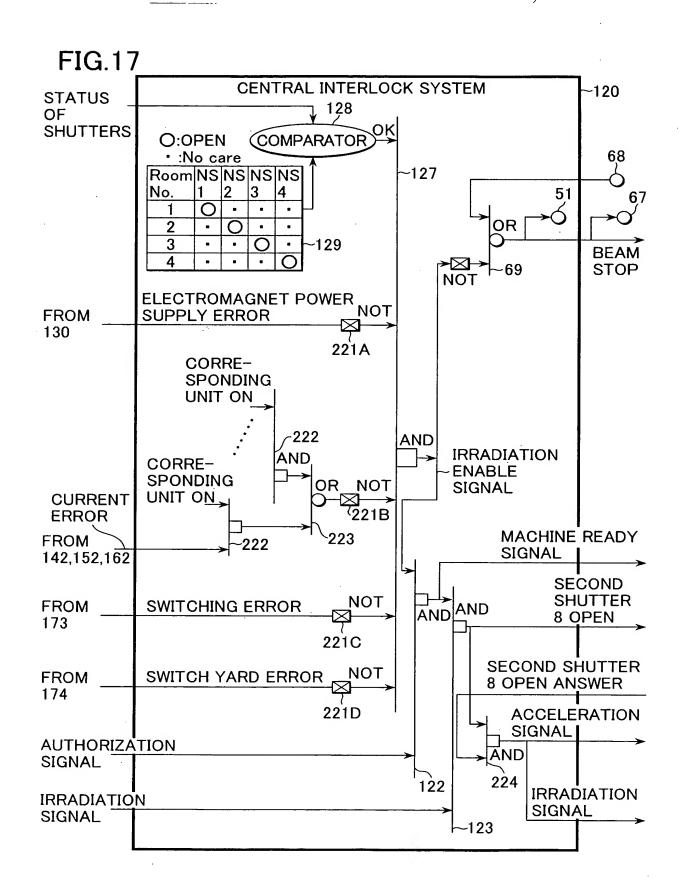
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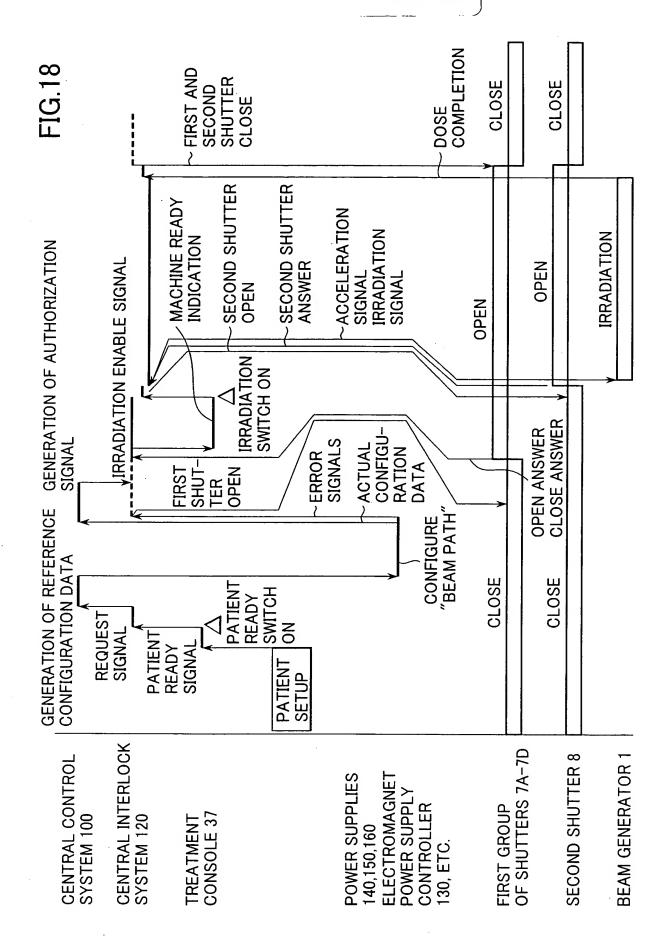
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26B 26C **GB 26A** GB: BENDING ELECTROMAGNET GB gg 25C 25B **GB 25A** GB СВ 6A,21A 6B,21B GB 6B,21C 23A 23B 23C GB В GB gg GB SW4 SW1 BEAM SWITCHING ELECTROMAGNET POWER SOURCE **BEAM SWITCHING ELECTROMAGNE** POWER SOURCE